

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
17 February 2005 (17.02.2005)

PCT

(10) International Publication Number  
**WO 2005/015118 A1**

(51) International Patent Classification<sup>7</sup>: **F42B 27/00**,  
8/18, 8/26, 12/42, 30/04

(21) International Application Number:  
PCT/AU2004/001033

(22) International Filing Date: 5 August 2004 (05.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2003904143 6 August 2003 (06.08.2003) AU  
2004900098 9 January 2004 (09.01.2004) AU

(71) Applicant and

(72) Inventor: **OULIARIN, Robert** [AU/AU]; PO Box 1422,  
Darlinghurst, New South Wales 1300 (AU).

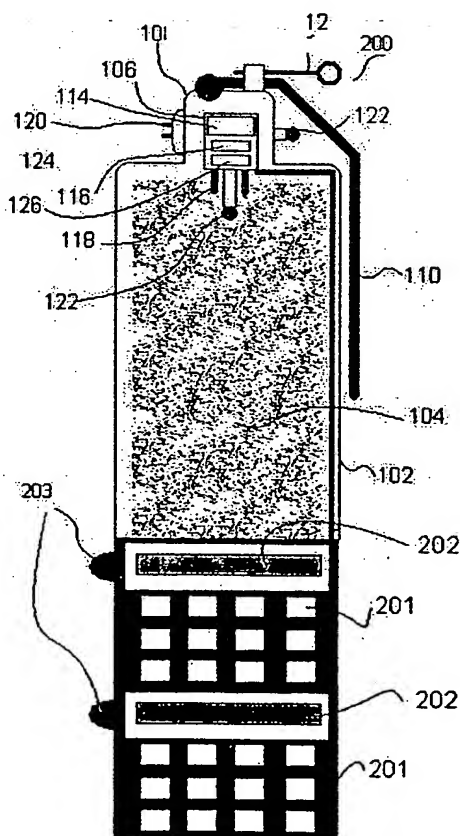
(74) Agent: **MOLINS, Michael**; Suite 5, Level 6, 139 Mac-  
quarie Street, Sydney, New South Wales 2000 (AU).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: FLASH AND SOUND EMITTING DIVERSION GRENADE



(57) Abstract: A diversion grenade (200) comprising: a transparent body (102) in which is located one or more charges of flash material (104); an internal power supply (114); a control circuit (126) that is responsive to one or more inputs, the control circuit (126) producing one or more output signals; and an external user operated trigger (110) for initiating a user input for activating the grenade (200). The grenade (200) may also include tracer lights (122) and sound emitters (201).



**Published:**

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*